

Fig. 2

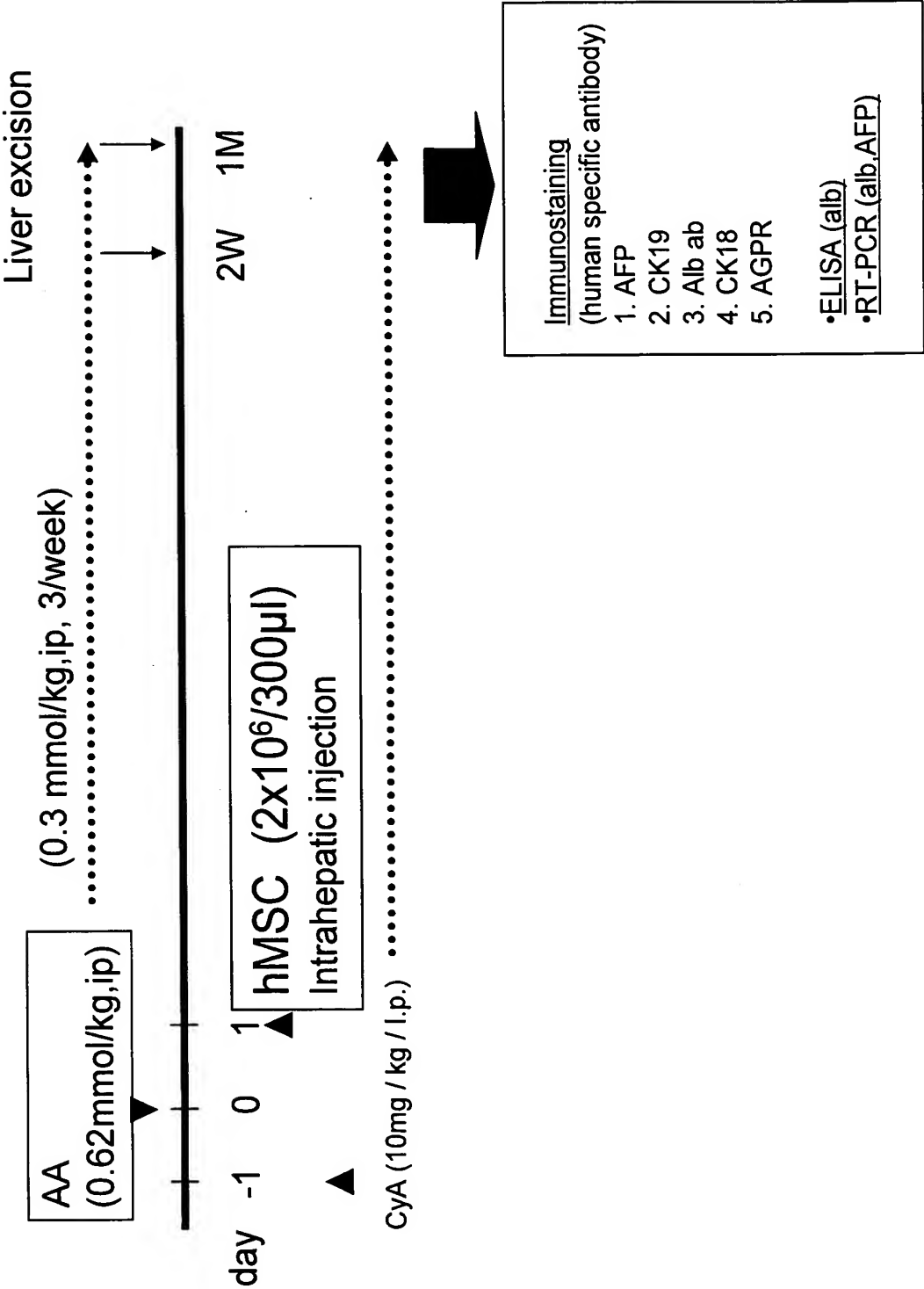


Fig. 3

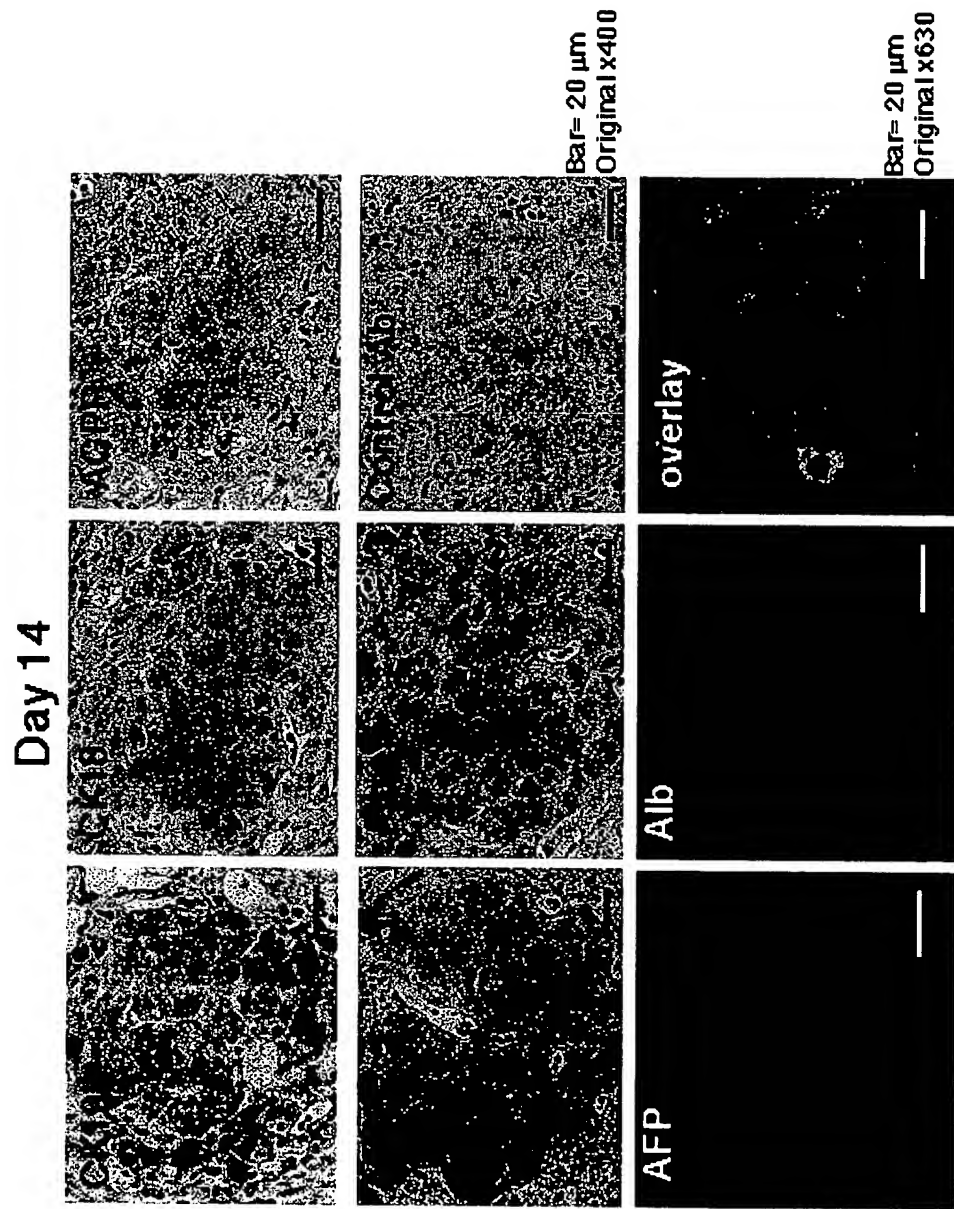


Fig. 4

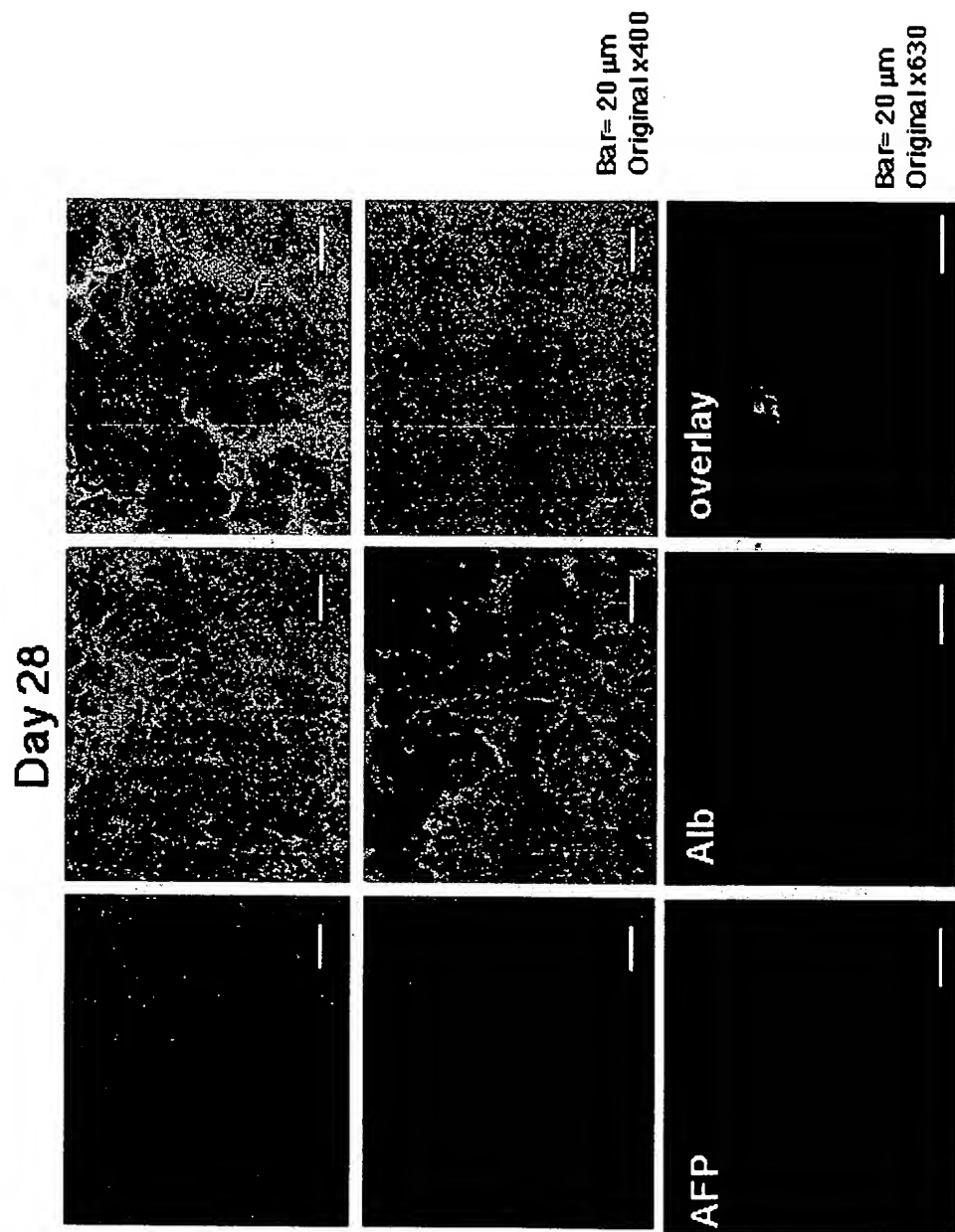


Fig. 5

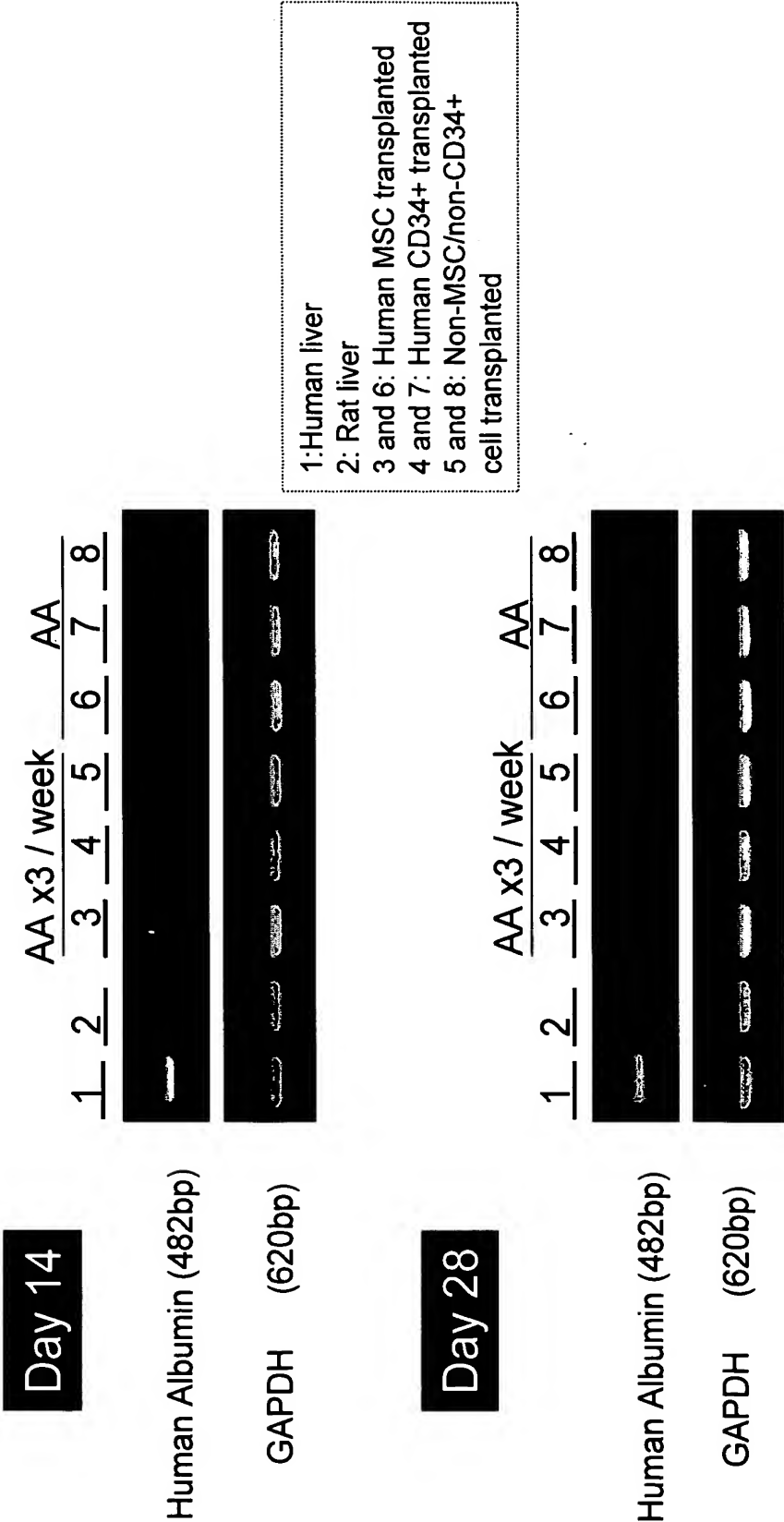


Fig. 6

Day 14

1 2 3 4 5 6 7 8
AA x3 / week AA



Human AFP (420bp)



GAPDH (620bp)

1: HepG2 cell
2: Rat fetal liver
3 and 6: Human MSC transplanted
4 and 7: Human CD34+ transplanted
5 and 8: Non-MSC/non-CD34+ cell transplanted

Day 28

1 2 3 4 5 6 7 8
AA x3 / week AA



Human AFP (420bp)



GAPDH (620bp)

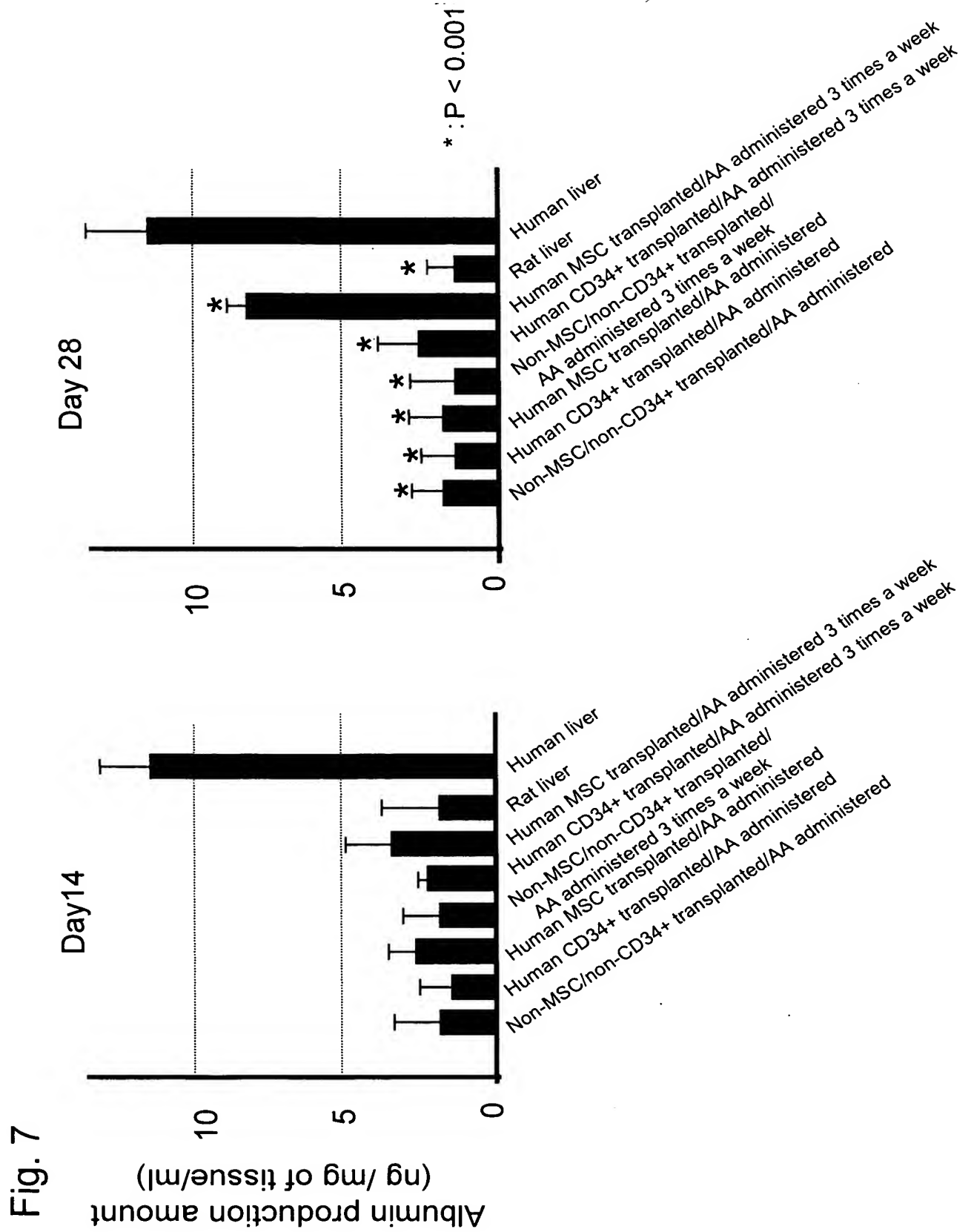
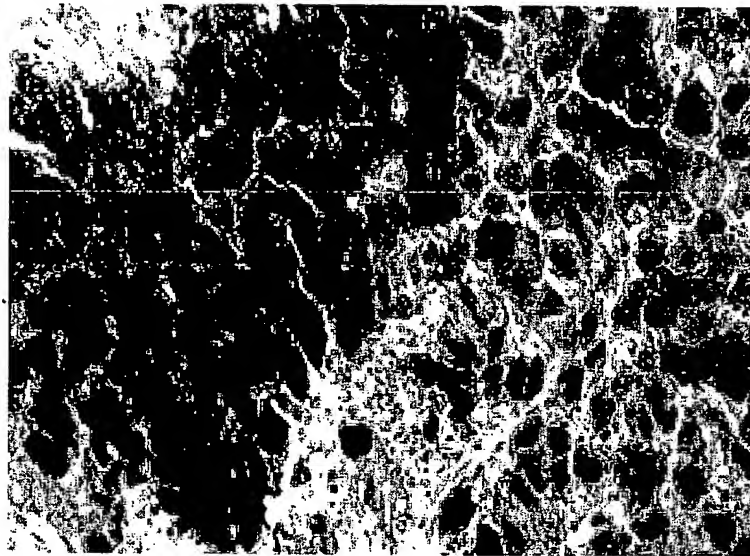


Fig. 8

	Allyl alcohol administered (Acute hepatitis)						Allyl alcohol continuously administered (Chronic hepatitis)					
	Human MSC transplanted		Human CD34+ transplanted		Non-MSC/non-CD34+ cell transplanted		Human MSC transplanted		Human CD34+ transplanted		Non-MSC/non-CD34+ cell transplanted	
	14	28	14	28	14	28	14	28	14	28	14	28
Observation period	14	28	14	28	14	28	14	28	14	28	14	28
AFP	-	-	-	-	-	-	+	+/-	-	-	-	-
CK-19	-	-	-	-	-	-	+	+/-	-	-	-	-
Alb	-	-	-	-	-	-	+	++	-	-	-	-
CK-18	-	-	-	-	-	-	+	++	-	-	-	-
AGPR	-	-	-	-	-	-	+	++	-	-	-	-
ELISA albumin	ND	ND	ND	ND	ND	ND	ND	+#	ND	ND	ND	ND
RT-PCR albumin	ND	ND	ND	ND	ND	ND	+	+	ND	ND	ND	ND
RT-PCR AFP	ND	ND	ND	ND	ND	ND	+	ND	ND	ND	ND	ND

-, Not stained; +/-, Few stained cells were observed.; +, Small clusters were observed.; ++, Clusters were observed.;
ND, Not detected
7.6ng/mg of tissue/ml

Fig. 9



x200 Anti-human albumin staining